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CERTIFICATE OF EXPRESS MAILING

I hereby certify that this paper and the documents and/or fees referred to as attached therein are being deposited with the United States Postal Service on March 25, 2004 in an envelope as "Express Mail Post Office to Addressee" service under 37 CFR §1.10, Mailing Label Number EV334019375US, addressed to the Commissioner for Patents, P.O. Box 1450 Alexandria, VA 22313-1450.

Attorney Docket No.: KLA1P100/P1087

First Named Inventor: Anne Testoni

17497 U.S. PTO
10/811319

Jeffrey Ng

UTILITY PATENT APPLICATION TRANSMITTAL (37 CFR. § 1.53(b))
(Regular application claiming priority of a provisional)

Mail Stop Conversion
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir: This is a request for filing a patent application under 37 CFR. § 1.53(b) in the name of inventors:
Anne Testoni

For: **AUTOMATIC CLASSIFICATION OF DEFECTS USING PATTERN RECOGNITION
APPLIED TO X-RAY SPECTRA**

Assigned to: KLA-Tencor Technologies, Corporation

This application claims priority of U.S. Provisional Application No. 60/457,958 filed on March 25, 2003 under 35 U.S.C. § 119(e).

Application Elements:

- ☒ 26 Pages of Specification, Claims and Abstract
- ☒ 08 Sheets of formal Drawings
- ☐ Combined Declaration and Power of Attorney
- ☐ Separate Declaration

Accompanying Application Parts:

- ☒ Do not publish this application. Nonpublication Request is attached.
- ☐ Assignment and Assignment Recordation Cover Sheet (recording fee of \$40.00 enclosed)
- ☐ Associate Power of Attorney
- ☐ 37 CFR 3.73(b) Statement by Assignee
- ☐ Information Disclosure Statement with Form PTO-1449
 - ☐ Copies of IDS Citations
- ☐ Preliminary Amendment
- ☒ Return Receipt Postcard

Claim For Foreign Priority

- ☐ Priority of _____ Application No. _____ filed on _____
is claimed under 35 U.S.C. § 119.
- ☐ The certified copy is enclosed.
- ☐ The certified copy has been filed in prior application U.S. Application No. _____
- ☐ The certified copy will follow.

Fee Calculation (37 CFR § 1.16)

- ☐ Applicant is entitled to Small Entity Status under 37 C.F.R. §1.27.

PLEASE DEFER FILING FESS AT THIS TIME.

- ☐ The Commissioner is authorized to charge any fees beyond the amount enclosed which may be required, or to credit any overpayment, to Deposit Account No. 500388 (Order No. KLA1P100).

General Authorization for Petition for Extension of Time (37 CFR §1.136)

- ☒ Applicants hereby make and generally authorize any Petitions for Extensions of Time as may be needed for any subsequent filings. The Commissioner is also authorized to charge any extension fees under 37 CFR §1.17 as may be needed to Deposit Account No. 500388 (Order No. KLA1P100).
- ☒ Please send correspondence to the following address:

Customer Number 022434



Date: March 25, 2004

A handwritten signature in black ink.

Mary R. Olynick
Registration No. 42,963

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Testoni

Attorney Docket No.: KLA1P100/P1087

Application No.: Unassigned

Examiner: Unassigned

Filed: Herewith


Group: Unassigned

Title: AUTOMATIC CLASSIFICATION OF
DEFECTS USING PATTERN RECOGNITION
APPLIED TO X-RAY SPECTRA

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Signed: _____


Jeffrey Ng

**NONPUBLICATION REQUEST AND CERTIFICATION
(35 U.S.C. 122(b)(2)(B)(i))**

Mail Stop Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

I hereby certify that the invention disclosed in the attached application has not and will not be the subject of an application filed in another country, or under a multilateral agreement, that requires publication at eighteen (18) months after filing. I hereby request that the attached application **NOT** be published under 35 U.S.C. 122(b).

Date: March 25, 2004



Mary R. Olynick
Registration No. 42,963